

**\*Nationwide\***  
**AGR VACANCY ANNOUNCEMENT**

**ARIZONA AIR NATIONAL GUARD  
ACTIVE GUARD AND RESERVE  
HUMAN RESOURCE OFFICE**

5636 East McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495

PHONE (602) 629-4822; DSN 853-4822

WEBSITE: [www.azguard.gov/hro](http://www.azguard.gov/hro)

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ANNOUNCEMENT NUMBER: 06-274A  
2006

OPENING DATE: 24 AUG 2006

CLOSING DATE: 22 SEP

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**POSITION TITLE, SERIES, GRADE, POSITION NUMBER AND MAXIMUM AUTHORIZED MILITARY GRADE:**

Electronics Mechanic, GS-0132-11, TC80626000, MSgt/E7

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**APPOINTMENT FACTORS:** OFFICER ( ) ENLISTED ( X )

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**LOCATION OF POSITION:**

**111<sup>th</sup> Space Operations Squadron (111<sup>th</sup> SOPS), Phoenix, Arizona**

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**APPLICATIONS MUST BE MAILED (OR HAND CARRIED) TO:** Human Resources Office, 5636 E. McDowell Road, Bldg M5710, Phoenix, AZ 85008-3495. Applications must arrive by close of business (1530 MST) on the closing date shown above. Applications postmarked on the closing date will be considered late and will not be accepted. The Human Resources Office will not accept applications that are mailed at government expense or forwarded through an internal mail system. Faxed applications will not be accepted. **Electronic applications are only accepted for those employees who are mobilized. NO BINDERS OR BOUND DOCUMENTS PLEASE.**

**INSTRUCTIONS FOR APPLYING:** Individuals who meet the basic qualification requirements (Specialized Experience) may apply. **Individuals applying for AGR positions must submit a NGB Form 34-1 (AGR Application) and AZ Form 34-1 (Arizona AGR Application Supplement).** Applicants must submit a copy of their current physical examination and a copy of their most recent PT test score card. Applicants may submit a résumé detailing military and civilian experience limited to either paid or nonpaid experience directly related to this position. Listed experience must include; Job Title, Duties and accomplishments, Employers name and address, Supervisors name and phone number, starting and ending dates, hours per week and salary. In addition to the above described information all applications should include AZNG Forms 335-2-R (Knowledge, Skill and Ability Supplement), and 335-4-R (Applicant EEO Research Questionnaire). Applications will be accepted without the AZNG Forms. However, applications will not receive an adequate evaluation by the Selection Panel if these forms are not submitted.

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**NATIONAL GUARD REQUIREMENTS:**

1. If selected, you must be in compliance with physical fitness, height, weight, and body fat measurement standards. You must have completed a medical examination in accordance with AFI 48-123 within the 18 months preceding your entry into the AGR program. Women will be tested for pregnancy before entering the AGR program.
2. If required, we will initiate an investigation for a security clearance. Unfavorable results will be cause for your immediate separation.
3. Individual selected for AGR tours that cannot obtain 20 years of Active Federal Service prior to reaching mandatory separation, must complete a statement of understanding acknowledging this fact. Waiver authority rests with the Human Resource Officer for non-control graded positions and with National Guard Bureau (NGB) for control graded positions.
4. You must meet eligibility requirements of AFM 36-2108 (Airman Classification) and AFI 36-2105 (Officer Classification), and ANGI 36-101 (The Active Guard/Reserve Program).

**EVALUATION PROCESS:** Each applicant must **FULLY SUBSTANTIATE** on their application how they meet the requirements listed in the specialized experience area; otherwise applicant will be considered unqualified for this position. Applications will be evaluated solely on information supplied in the application (NGB Form 34-1) or resume. Experience will be evaluated based on relevance to the position for which application is being made. Include job titles, starting and ending dates (month and year), hours per week, salary, duties/accomplishments, employer(s) name and address, and supervisor(s) name/phone number and permission to contact.

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**CONDITION OF EMPLOYMENT:** Prior to appointment into this position, selectee must be a member of the Arizona Air National Guard or eligible for membership and be able to qualify for the following AFSC: 2E1X3 Acceptance of this position requires participation in the Direct Deposit/Electronic Funds Transfer Program.

**EQUAL OPPORTUNITY:** The Arizona National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, religion, age, national origin, sex, political affiliation, marital status, membership or nonmembership in an employee organization or any other non-merit factor.

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**AREA OF CONSIDERATION:** This position is the Active Guard/Reserve Program and is **open to current members of the Arizona Air National Guard and those eligible for membership.** Individual selected will receive an Active Duty Title 32 Tour with the Arizona Air National Guard. In order to be considered for this position applicants must meet minimum qualifications as outlined on the reverse of this announcement. **PCS funds are not authorized.**

**NOTE:** Selectee start date is to be determined.

**NOTE:** Selection for this position requires declaration of Arizona state residency at the time of in-processing, and maintaining that residency while on AGR status under Title 32, USC.

**NOTE:** Human Resources Office is the office that will officially notify the selectee of a job offer.

**NOTE:** Must possess the ability to possess a Top Secret security clearance.

**NOTE:** Must have normal color vision as defined by regulations.

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**KNOWLEDGE, SKILLS AND ABILITIES REQUIRED FOR SUCCESSFUL PERFORMANCE IN THIS POSITION:**

Each applicant should fully justify on their application how they meet each KSA listed below using AZNG Form 335-2-R or a self generated form that clearly justifies each KSA.

1. Ability to plan schedules and sequence of operations.
2. Knowledge of the theory of electricity and radio including solid state components and digital techniques as applied to ground radio, tropo-scatter, and satellite communication.
3. Ability to interpret technical orders, blueprints, wiring diagrams and schematic drawings.
4. Knowledge of operation of communication and cryptographic equipment installation.
5. Ability to instruct subordinates on work requirements.
6. Knowledge of TDM and FDM multiplexing.
7. Knowledge of modems and their use in communications.
8. Knowledge of test equipment used in communications.
9. Ability to predict propagation and scintillation conditions at the mission site.
10. Knowledge of and experience with frequency manager responsibilities.
11. Knowledge of Microsoft Office and IMDS.

**SPECIALIZED EXPERIENCE:** Must have **36 months** experience with principles, basic functions and application of theory of electronic systems or equipment; experience in diagnosing problems and determining needed repairs for malfunctions in electronic equipment or system; experience in making mechanical repairs that required the use of precision measuring and calibrating equipment; experience in using complex test equipment such as deviation meters, complex special test panels, etc.; experience which demonstrates the ability to interpret technical manuals, specifications and publications.

**BRIEF JOB DESCRIPTION:** This position is located in a Space Operations Squadron employing various types of complex communications equipment such as UHF/VHF air/ground radio sets, tropo-scatter radio sets and satellite systems. The purpose of this position is to install inspect, service, repair, overhaul and test the assigned communication equipment. Installs, maintains, modifies and repairs various communication systems. These items cover the HF, VHF, UHF, and SHF spectrums and are for the most part solid state integrated circuits. Equipment uses phase lock loops, frequency synthesis and uses digital/analog techniques. Some equipment is microprocessor controlled. Must determine the best way to transmit messages over mountains, around hills and other obstacles that interfere with the clear transmission of messages. Takes measures to counteract interference from wires, buildings or electronic transmitters in the area that might interfere with a clear signal. Uses theoretical and practical electronics as applied to radio frequency communications systems, digital and analog control circuits and systems. Designs and fabricates test equipment and auxiliary equipment using micro-processor principles. Knowledgeable on theoretical and practical aspects of electronic wave propagation and antenna designs. Establishes frequency assignments for the unit through formal requests and planning. Manages all frequencies for the unit. Prepares, maintains and submits applicable maintenance records and reports. Maintains adequate stock levels, technical publications and general publications required in his or her area or responsibility.

**SELECTING SUPERVISOR:** Lt Col Patricia A.Tuttle